



4-26-4

PATENTS
16435-0033U

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of:)
John Merchant)
)
Serial No.: 10/806,349) Examiner: Not yet assigned
)
Filed: March 22, 2004) Art Unit: Not yet assigned
)
For: SYSTEM AND METHOD FOR)
HIGH-RESOLUTION IMAGING)
WITH A SMALL-FORMAT FO-)
CAL-PLANE ARRAY USING)
SPATIAL MODULATION)
)
Cesari and McKenna, LLP
88 Black Falcon Avenue
Boston, MA 02210
April 23, 2004

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In keeping with the duty of candor and good faith owed to the Patent and Trademark Office, Applicant wishes to bring to the Examiner's attention the references listed on the accompanying form PTO-1449. A copy of each listed reference is enclosed.

To the extent required by 37 C.F.R. §1.98(a)(3), Applicant has described what he considers to be the relevance of any foreign-language reference. The Office may find additionally relevant material in these or other references.

Please charge any additional fee occasioned by this paper to our Deposit Account
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Respectfully submitted,



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APR 23 2004

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

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1

of

1

Complete if Known

Application Number	10/806,349
Filing Date	March 22, 2004
First Named Inventor	John Merchant
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned

Attorney Docket Number 16435-0033U

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	Merchant, J. and R. Fedors, "The Spatial Modulation Staring Sensor", Proceedings of IRIS Specialty Group on Passive Sensor, 3-7 March 1997	
	2	Merchant, J., "Spatial Modulation Infrared Staring Sensor", Air Force Rome Laboratory Technical Report No. RL-TR-97-74, April 1997.	
	3	Merchant, J., F.J. Iannarilli, S.H. Jones and H.E. Scott, "Staring IR Spatial Modulation Sensor (SIRSMS): Large-Format Performance from Small-Format IR Focal Plane Arrays", Proc. Military Sensing Symposia Specialty Group on Passive Sensors, 2003.	
	4	Petersen, K.E., "Micromechanical Light Modulator Array Fabricated on Silicon", Appl. Phys. Lett. vol. 31, 521, 1977.	
	5	Hornbech, L.J., "Deformable-Mirror Spatial Light Modulators", Proceedings of SPIE vol. 1150, 1989.	
	6	Warde, C. et al., "Membrane Mirror Light Modulator Technology", Proceedings of SPIE vol. 3951, 2000.	
	7	Patent Disclosure, "Spatial Modulation Staring Sensor", May 1, 1997.	
	8	Flannarilli, H. Scott, Presentation: "Effectiveness Demonstrated with SIRSMS Brassboard Sensor", presented on March 22, 2002 at the BMD Passive EO/IR Sensing Workshop.	
	9	Merchant, J., "Spatial Modulation Sensor: More Pixels for Free", Prepared for MDA Passive EO/IR Workshop, 20-22 March 2002.	

Examiner Signature		Date Considered
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¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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